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March 6th, 1849.

DR. PATTERSON in the Chair.

Dr. Gambel read a continuation of his "Remarks on the Birds of Upper California," intended for publication in the Journal. Referred to Mr. Cassin, Dr. Wilson, and Dr. Townsend.

Dr. Gambel also read a paper intended for publication in the Journal, entitled, "Notes on the Pidgeons, with descriptions of new species," which was referred to Mr. Cassin, Dr. Wilson, and Mr. Harris.

Professor Agassiz made some remarks on the distinctions between the fossil Crocodiles of the green sand of New Jersey, described by Drs. Harlan and Morton, and characterized that of Dr. Harlan as a distinct genus under the proposed name of *Bottosaurus*.

March 13th, 1849.

DR. BRIDGES in the Chair.

Dr. Leidy presented a communication from Professor Haldeman, intended for publication in the Proceedings, describing new species of *Cryptocephalus*, &c., in the collection of Dr. J. L. Le Conte. Referred to Drs. Zantlinger, Griffith, and Watson.

Dr. Keller read a memoir entitled "On Ciliary cells of some marine naked Mollusca, in embryo;" which was referred to a committee consisting of Drs. Leidy, Goddard, and Hallowell.

Professor Agassiz made some observations upon the *Crocodylus clavirostris* of Morton, and characterized it as a distinct genus under the proposed name of *Sphenosaurus*. He also referred to the remains of an immense fossil Chelonian, in the collection of the Academy, and found in the green sand of New Jersey. Being allied to the *Colossochelys* of India, Professor Agassiz proposed for it the name of *Atlantochelys Mortoni*.

Dr. Leidy made some remarks on the intimate structure of the so-called cartilages of the Cephalopoda, and pointed out their strong resemblance to bone.

March 27th, 1849.

DR. BRIDGES in the Chair.

The Committee to whom was referred Professor Haldeman's descriptions of new species of *Cryptocephalus*, &c., reported in favour of publication in the Proceedings.

Cryptocephalarum Boreali-americae diagnoses, cum speciebus novis musei leconteiani.

Auctore S. S. HALDEMAN.

CRYPTOCEPHALUS.

C. GUTTATUS. Laete rufus: capite flavo-maculato: pronoto subtiliter sparse punctulato, canaliculato; margine angusto, maculis 2 basal. flavis: el. nigris, profunde punctato-striatis, singulo maculis flavis 4-2-2-1 positis: pygidio punctato, apice utrinque macula flava. 2 lin.

C. SPARSUS. Rufus, capite pallido, muculis 3 rufis: pronoto margine antico lateraliq. lato, maculisque 2 basalibus pallidis: el. pallida, sutura guttisq. paucis obscure rufis: ant. apice tarsisq. fuscis. 3½ lin.

C. AULICUS. Rufus; pronoto valde convexo, punctulato; margine flavo, maculis 2 basal. confuse flavis: el. flava punctato-striata; vittarum 2 nigr. vestigiis. 3 lin.

C. SIMPLEX. Rufo-brunneus; pronoto subtiliter punctato, lateribus maculis 2 basalib. flavis; el. flavis, punctato striatis; sutura, epipleuris, punctoque humerali nigerrimis: antennis pedibusq. laete rufis. 2½ lin.

C. PUMILUS. Supra flavescens, pronoto sparse minus subtiliter punctato, macula discoidali rufa: elytra profunde punctato-striatis: subtus saturate rufus, ped. pallidioribus. 1 lin.

C. LINEOLATUS. Saturate rufus, pronoto punctato: lateribus, maculis 2 basal. flavis: el. profunde punctato-striatis, vittis 2 flavis, apice convunctis, exteriori irregulari. 1½ lin.

C. VITATUS. Rufus, supra flavus; pronoto punctato, macula rotunda medio, vittaq. utrinq. submarginali brunneis: el. punctato-striatis; sutura, vitta lata versus marginem, alteraq. inter media abbreviata atro-brunneis. 2 lin.

C. GIBBICOLLIS. Habitu omnino *C. VENUSTI*, at major: pronot. gibbosum, vix punctulatum, limbo semicirculari. Long. 3, lat. 2 lin.

C. INSERTUS. Pallide rufus; pronot. polito, punctulato, apice lateribusq. margine angusto flavo, basi vix maculato: el. profunde seriatim punctatis; margine angusto, vittisq. 2 latis confluentibus confusis nigerrimis; tarsis nigris: antennis apice fuscis. 2 l.

C. ALBICANS. Laete rufus: pronoto obsolete punctulato, apice, lateribus, maculisq. 2 basal. obsolete flavis: el. seriatim punctatis; sutura, vittisq. 2 obscure brunneis vel nigris: tarsis fuscis. 2½ lin.

C. AMATUS. Supra flavus: pronoto laterib. obsolete punctulato; vittis 4 laete rufis: el. profunde seriatim punctatis seriebus perporia approximatis, interstitiis alternatim nigricantibus; subtus niger, ped. rufis, genubis flavis. 1½ lin.

C. FULVIPENNIS. Niger: ant. breviusculis, palpisq. rufus: pronoto punctulato: el. profunde seriatim punctatis, aurantiacis: pygidio punctato. 2 lin.

C. DISTINCTUS. Niger, nitidus: capite punctato, ant. basi fusco: pronoto convexo, obsolete sparsim punctulato: el. seriatim punctatis, fascia subbasali humeros attingente, maculoq. apicali flavis: pygidio carinato, punctato. 2 lin.

C. LEVIS. Violaceo-niger, nitidus: ore antennisq. pallide rufis: pronoto laevigato: el. seriatim punctatis, punctis minutis. ½ lin.

C. PUNCTATUS. Nigricans, supra flavus, brunneo variegatus, punctis impressis

brunneis: antennis fuscis, articulorum basi flavescente: pronoto basi tenuiter nigro: pygidio punctulato, apice flavo; femoribus flavo-annulatis. 1 lin.

C. RUGICOLLIS. Rufus, elongatulus: fronte scabro-punctata, orbitis flavis: pronoto longitudinaliter ruguloso, lateribus grosse punctatis, flavescens: elytris flavis, indistincte rufo-nebulosis, punctato-striatis, punctis rufis, approximatis. 2 lin.

PACHYBRACHIS.

P. CARBONARIUS. Niger, disperse punctulatus: labro et antennarum basi brunneis: pronoto dense et distincte punctato, punctis parvis: elytris grosse punctatis, externe irregulariter punctato-striatis. Long. 1½ lin.

P. MOROSUS. Niger, confertim scabro-punctatus; subtus punctatus, albido-sericeus: fronte plana: humeris prominulis, politis: pygidio confertim punctulato. 2 lin.

P. INFAUSTUS. Niger, rugose punctatus: capite punctato; labro, maculisque indistinctis flavis: pronoto confertim punctato, punctis parvis: elytris irregulariter punctatis; lineolis elevatis; maculis parvis flavis: femoribus intermedi macula flava apicali. 1½ l.

P. SOBRINUS. Niger, punctatus: prothorace disperse punctato, flavo, brunneo-variegato: capite, pedibus, pygidio, abdominis marginibusque flavis: elytris vix seriatim punctatis, flavo lineolatis. 1½ l.

P. MOLLIS. Niger, punctatus: capite pedibusque flavis: pronoto flavo, maculis 3 nigris: elytris seriatim punctatis, fascia subbasali apiceque flavis: abdomine flavo-marginato. 1½ lin.

MONACHUS.

M. ATER. Niger, nitidus: labro et antennarum basi flavescens: pronoto laevi, cyanescente: elytris indistincte seriatim punctulatis. 1½ lin.

M. AFFINIS. Cyaneus, laevis: labro, clypeo, antennis, pedibusque, dilute rufis: elytris distincte seriatim punctulatis. 1 lin.

M. AURITUS. Cyaneus, nitidus: labro, clypeo, fronte, antennis, pedibus, prosterno, pronoti lateribusque flavis: pronoto impunctato: elytris distincte seriatim punctulatis. Long. ¾ lin.

The Committee on Dr. Gambel's "Remarks on the Birds of California," reported in favour of publication in the Journal.

The Committee on Dr. Gambel's "Notes on the Columbidae in the collection of the Academy," reported in favour of publication in the Journal.

The monthly Report of the Corresponding Secretary was read and adopted.

On motion it was *Resolved*, That a new edition of the By-Laws of the Academy be printed, and that a Committee be appointed to superintend the same. Committee, Dr. Zantzinger, Mr. Vaux, and Dr. Bridges.